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(21)Application number : 11-280941 (71)Applicant : KIKKOMAN CORP  
(22)Date of filing : 01.10.1999 (72)Inventor : SAKAGAMI RYOICHI  
ARAI AYUMI  
KAJIYAMA NAOKI  
KOYAMA TAIJI

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## (54) METHOD FOR MEASURING GLUCOSYLATED PROTEIN

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a new method for accurately measuring a glucosylated protein in a short time by simple operations on the basis of a principle different from existing enzymatic methods.

**SOLUTION:** This method for measuring a glucosylated protein in a sample comprises treating the sample containing the glucosylated protein with a protease to release glucosylated peptides, preferably  $\alpha$ -glucosylated peptides, especially preferably  $\alpha$ -glycosylated dipeptides, from the glucosylated protein, treating the released glycosylated peptides with an oxidase, and then measuring the produced hydrogen peroxide, or measuring the released glucosylated peptides with HPLC. And a measuring reagent kid used for the enzymatic method.

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